Safety Data Sheet

Section 1: Identification

Product identifier

Product Name
- **BioSpot Active Care Flea & Tick SpotOn For Cats Over 2.5 lbs but Under 5 lbs, BioSpot Active Care Flea & Tick SpotOn For Cats 5 lbs and Over**

Synonyms
- 100512306; 100512308; 100512309; 100512310; 100512311; 100512478; 100512482; EPA Reg. No.: 2724-813-89459; RF2170 A/T Combo

Product Description
- Pale yellow liquid.

Relevant identified uses of the substance or mixture and uses advised against

Recommended use
- Flea, tick & mosquito treatment for cats.

Restrictions on use
- Avoid contact with skin and eyes. Keep out of reach of children and pets.

Details of the supplier of the safety data sheet

Manufacturer
- Central Garden & Pet Company

  1501 E. Woodfield Road, Suite 200W
  Schaumburg, IL 60173
  United States

Emergency telephone number

Manufacturer
- 1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

Manufacturer
- 1-800-424-9300 - CHEMTREC

Manufacturer
- 1-800-234-2269

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012
- No data available

Label elements

OSHA HCS 2012

Hazard statements
- No label element(s) required

Other hazards

OSHA HCS 2012
- This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

Composition		
Chemical Name	**Identifiers**	**%**
Etofenprox	**CAS:**80844-07-1	40%
(s)-Methoprene	**CAS:**65733-16-6	3.6%
Other ingredients	NDA	56.4%

Section 4: First-Aid Measures

Description of first aid measures

Inhalation
- IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms persist.

Skin
- IF ON SKIN: Wash skin with soap and water.

Eye
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion
- IF SWALLOWED: Call a poison control center or doctor for treatment advice.

Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician
- Treat symptomatically and supportively.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media
- In case of fire use media as appropriate for surrounding fire.

Unsuitable Extinguishing Media
- None known.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards
- None known.

Hazardous Combustion Products
- None known.

Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions

- Do not walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate enclosed areas.

Emergency Procedures

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stay upwind. Keep out of low areas. Keep unauthorized personnel away. Ventilate closed spaces before entering.

Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Containment/Clean-up Measures

- SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.
  LARGE SPILLS: Dike far ahead of spill for later disposal.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- Use good safety and industrial hygiene practices. Avoid contact with skin or eyes.

Conditions for safe storage, including any incompatibilities

Storage

- Keep this product in its tightly closed original container, when not in use. Store in a cool, dry (preferably locked) area that is inaccessible to children and pets.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure controls

Engineering Measures/Controls

- No data available.

Personal Protective Equipment

Pictograms

-

Respiratory

- Not required with normal use.

Eye/Face

- Wear chemical splash safety goggles.

Hands

- Wear appropriate gloves.

Skin/Body

- If prolonged exposure is anticipated, it is recommended for handlers to wear appropriate clothing to prevent skin contact.

Environmental Exposure Controls

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow

best practice for site management and disposal of waste.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Pale yellow liquid.
Color	Pale yellow.	Odor	Pleasant odor with weak intensity, fruit-like.
Odor Threshold	No data available		
General Properties			
Boiling Point	No data available	Melting Point/Freezing Point	No data available
Decomposition Temperature	No data available	pH	No data available
Specific Gravity/Relative Density	= 0.99 @ 20 °C(68 °F) Water=1	Water Solubility	Insoluble
Viscosity	36 cPs @ 20ºC / 15 cPs @ 40ºC		
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
Flammability			
Flash Point	112 °C(233.6 °F) PMCC (Pensky-Martins Closed Cup)	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	Not Flammable.		
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10: Stability and Reactivity

Reactivity

- No dangerous reaction known under conditions of normal use.

Chemical stability

- Stable under normal temperatures and pressures.

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- None known.

Incompatible materials

- Strong oxidizers.

Hazardous decomposition products

- Thermal decomposition may produce toxic vapors and/or gases.

Section 11 - Toxicological Information

Information on toxicological effects

	CAS	
BioSpot Active Care Flea & Tick SpotOn For Cats Over 2.5 lbs but Under 5 lbs, BioSpot Active Care Flea & Tick SpotOn For Cats 5 lbs and Over	NDA	**Acute Toxicity:** Ingestion/Oral-Rat LD50 • 5010 mg/kg; Skin-Rat LD50 • 5010 mg/kg; **Irritation:** Eye-Rabbit • Mild irritation; Skin-Rabbit • Mild irritation

GHS Properties	Classification
Acute toxicity	**OSHA HCS 2012** • Classification criteria not met
Skin corrosion/Irritation	**OSHA HCS 2012** • Classification criteria not met
Serious eye damage/Irritation	**OSHA HCS 2012** • Classification criteria not met
Skin sensitization	**OSHA HCS 2012** • Classification criteria not met
Respiratory sensitization	**OSHA HCS 2012** • Classification criteria not met
Aspiration Hazard	**OSHA HCS 2012** • Classification criteria not met
Carcinogenicity	**OSHA HCS 2012** • Classification criteria not met
Germ Cell Mutagenicity	**OSHA HCS 2012** • Classification criteria not met
Toxicity for Reproduction	**OSHA HCS 2012** • Classification criteria not met
STOT-SE	**OSHA HCS 2012** • Classification criteria not met
STOT-RE	**OSHA HCS 2012** • Classification criteria not met

Route(s) of entry/exposure
- Inhalation, Ingestion, Eyes, and Skin

Potential Health Effects

Inhalation

Acute (Immediate)
- Under normal conditions of use, no health effects are expected.

Chronic (Delayed)
- No data available.

Skin

Acute (Immediate)
- May cause mild irritation.

Chronic (Delayed)
- Prolonged and repeated exposure to Etofenprox can cause skin irritation.

Eye

Acute (Immediate)
- May cause mild irritation.

Chronic (Delayed)
- No data available.

Ingestion

Acute (Immediate)
- Under normal conditions of use, no health effects are expected.

Chronic (Delayed)
- No data available.

Mutagenic Effects
- Etofenprox has been found negative for mutagenicity potential using the Ames test, chromosomal aberration and micronucleus test methods. Methoprene has been tested and found negative for mutagenicity potential.

Carcinogenic Effects
- Etofenprox is not classified as carcinogen by NTP, IARC and OSHA. Methoprene is not classified as carcinogen by NTP, IARC and OSHA.

Reproductive Effects
- Etofenprox did not produce teratogenic or reproductive effects in laboratory experiments. Methoprene is not a teratogenic compound. The NOEL for maternal and

embryotoxicity in rabbits was 200 mg/kg/day. The NOEL for reproductive effects in rats was 500 ppm.

Section 12 - Ecological Information

Toxicity

Components		
Etofenprox (40%)	80844-07-1	**Aquatic Toxicity-Fish:** 96 Hour(s) LC50 *Sheepshead minnow* >0.0165 mg/L [Acute] 96 Hour(s) LC50 *Rainbow Trout* 0.0027 mg/L [Acute] **Aquatic Toxicity-Crustacea:** 48 Hour(s) LC50 Water Flea *Daphnia magna* 0.0008 mg/L [Acute] 96 Hour(s) LC50 *Mysid shrimp* 0.0000188 mg/L [Acute] NOEC Water Flea *Daphnia magna* 0.00017 mg/L [Chronic]
(s)-Methoprene (3.6%)	65733-16-6	**Aquatic Toxicity-Fish:** 96 Hour(s) LC50 *Rainbow Trout* 0.76 mg/L [Acute] 96 Hour(s) LC50 *Bluegill* >0.37 mg/L [Acute] NOEC *Fathead Minnow* 0.048 mg/L [Chronic] **Aquatic Toxicity-Crustacea:** NOEC *Mysid Shrimp* 0.014 mg/L [Chronic] 48 Hour(s) LC50 *Daphnia* 0.36 mg/L [Acute] 96 hour(s) LC50 *Mysid shrimp* 0.11 mg/L [Acute]

Persistence and degradability

- Etofenprox is not readily biodegradable. Methoprene degrades rapidly in sunlight, both in water and on inert surfaces. The pesticide also is metabolized rapidly in soil and does not leach. Thus, it should not persist in soil or contaminate ground water.

Bioaccumulative potential

- No data available.

Mobility in Soil

- (s)-Methoprene: 10-14 days, rapidly hydrolyzed in soil.

Other adverse effects

- No data available.

Section 13 - Disposal Considerations

Waste treatment methods

Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. See product label for disposal instructions.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	UN3082	Bulk packaging only: Environmentally Hazardous Substance, Liquid, n.o.s. (Etofenprox and S-	9	III	Marine Pollutant

		Methoprene)			
IMO/IMDG	UN3082	Packaging 5 L or greater: Environmentally Hazardous Substance, Liquid, n.o.s. (Etofenprox and S-Methoprene)	9	III	Marine Pollutant
IATA/ICAO	UN3082	Packaging 5 L or greater: Environmentally Hazardous Substance, Liquid, n.o.s. (Etofenprox and S-Methoprene)	9	III	Acute Aquatic Toxicity

Special precautions for user • None known.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • Not relevant.

Other information

IMO/IMDG • No data available

IATA/ICAO • No data available

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • None

FIFRA – Pesticide Labeling

This material is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

Precautionary Statements • Keep out of reach of children.

Hazards to Humans and Domestic Animals •

HAZARDS TO HUMANS AND DOMESTIC ANIMALS HAZARDS TO HUMANS: Repeated exposure to etofenprox can cause skin irritation. HAZARDS TO DOMESTIC ANIMALS: For External Use on Cats Only. Do not use on kittens weighing less than 2.5 [5] pounds. Do not use on kittens less than 12 weeks old. Consult a veterinarian before using this product on debilitated, aged, pregnant or nursing animals. Certain medications can interact with pesticides. Consult a veterinarian before using on medicated animals. Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately. Due to the bitter taste of the product, oral exposure could result in salivation. Be careful not to get any product in the cat's mouth during application. For multiple cat households, prevent the cats from grooming each other until the product has dried. If the salivation continues or other clinical signs are noted, please call 1-800-234-2269.

Inventory		
Component	**CAS**	**TSCA**
(s)-Methoprene	65733-16-6	No
Etofenprox	80844-07-1	No

Section 16 - Other Information

Revision Date	• 18/February/2016
Last Revision Date	• 18/February/2016
Preparation Date	• 18/February/2016
Disclaimer/Statement of Liability	• The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.